

TROUBLESHOOTING (continued)

- PROBLEM:** **CH+**, **CH-**, and **LAST** do not work for your RCA TV.
- SOLUTION:** Due to RCA design (1983-1987), only the original remote control will operate these functions.
- PROBLEM:** Changing channels does not work properly.
- SOLUTION:** If original remote control required pressing **ENTER** to change channels, press **ENTER** on the remote control after entering a channel number.
- PROBLEM:** Tried "Search Method" and still could not find a working code.
- SOLUTION:** Try the "Search Method" again after clearing out the device key as follows: Press and hold **SETUP** until mode key blinks twice, then release. Next enter **9 - 9 - 2**. Then press and release the mode key to be cleared twice.
- PROBLEM:** Remote control does not turn on Sony or Sharp TV/VCR Combo.
- SOLUTION:** For power on, these products require programming TV codes on the remote control. For Sony, use TV code 0000 and VCR code 0032. For Sharp, use TV code 0093 and VCR code 0048.

ADDITIONAL INFORMATION

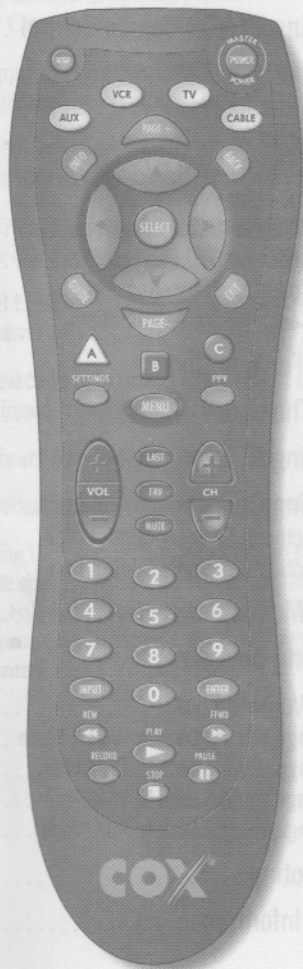
This product does not have any user-serviceable parts. Opening the case, except for the battery cover, may cause permanent damage to your Cox Universal Remote Control.

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COX[®] UNIVERSAL REMOTE CONTROL



User's Guide

COX[®]

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INTRODUCTION

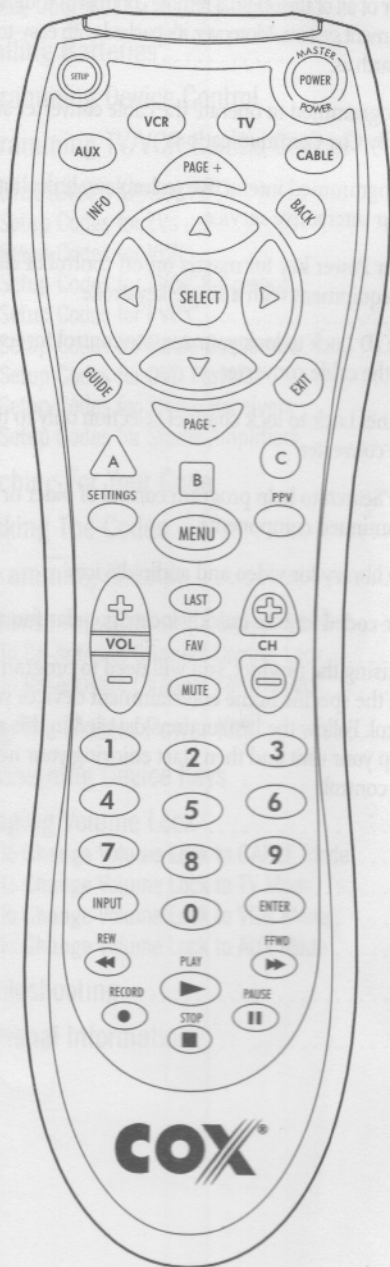
The Cox Universal Remote Control by Universal Electronics is our latest generation universal remote control. It is designed with sophisticated technology that will allow you to consolidate the clutter of all of the original remote controls in your home entertainment system. Moreover, it's packed with easy-to-use features such as:

- Preprogrammed to operate the cable converter supplied by Cox Communications
- Preprogrammed interactive technology links hot keys to your interactive service
- Master Power key for master on/off control of all of your equipment with a single keystroke
- Cable ID Lock to lock your remote control for use only with the cable converter
- Channel Lock to lock channel selection only to the cable converter
- Code Search to help program control of older or discontinued components
- Code library for video and audio devices
- Color-coded keys to quickly locate popular functions

Before using the product, you will need to program it to operate the specific home entertainment devices you wish to control. Follow the instructions detailed in this manual to set up your unit and then start enjoying your new remote control.

FEATURES AND FUNCTIONS

Use the illustration below to locate features on the Cox Universal Remote Control and then study the *Key Charts* (on the next two pages) to learn how they function.



Key Charts

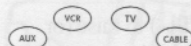


Use **SETUP** for all programming sequences.



Press **POWER** once to turn on or off a home entertainment device.

Press and hold **MASTER POWER** for 3 seconds to turn on or off all home entertainment devices (see *Using The Master Power Key* on page 24).



Press **AUX**, **VCR**, **TV**, or **CABLE** once to select a home entertainment device to control. Each key has an embedded LED (red light) that blinks upon selection and indicates that the remote control is working and is sending signals.



Use **INFO** to display the current channel and program information.



Use **PAGE+** to page up through menu screens and program guide.



Press **BACK** once to show the previous page while using the interactive service.



Use the **Cursor** keys to move the cursor in the program guide and menu screens and to navigate within the interactive service.

Use **SELECT** to choose options, PPV events, and to tune programs from the program guide.



Use **GUIDE** to display the program guide.



Use **PAGE-** to page down through menu screens and program guide.



Use **EXIT** to exit out of your cable converter's menu and guide.



Use **A**, **B**, or **C** to access additional cable features (see your cable converter's manual).

continued on the next page...

FEATURES AND FUNCTIONS

Key Charts (continued)



Use **SETTINGS** to access additional cable features (see your cable converter's manual).



Press **MENU** once to display the available interactive services.



Press **PPV** to view the available Pay-Per-View event.



Use **VOL+** (or **VOL-**) to raise (or lower) the sound volume.



Press **LAST** once to recall the last channel.



Use **FAV** to cycle through your favorite channels stored in your cable converter.



Press **MUTE** once to turn the sound off or on.



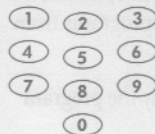
Use **CH+** (or **CH-**) to select the next higher (or lower) channel.



Use **INPUT** to control the input select feature on most TVs.



Press **ENTER** once after entering channel numbers on some TVs.



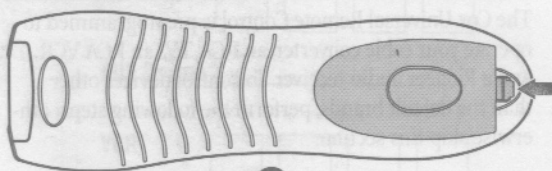
Use the keypad (**0 ~ 9**) to directly select channels (e.g., **09** or **31**).



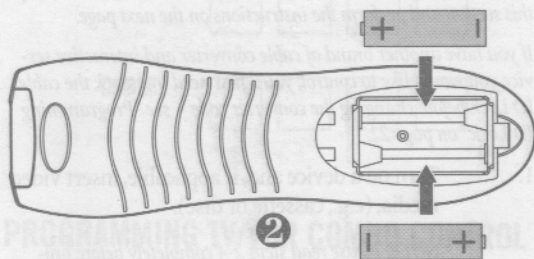
In the **VCR** and **TV** modes, use **REW**, **PLAY**, **FFWD**, **STOP**, and **PAUSE** to control your VCR, DVD player, or PVR. To record a program in the **VCR** or **AUX** mode, press **RECORD** twice.

In the **CABLE** mode, use these keys (except **RECORD**) to control VOD (Video On Demand).

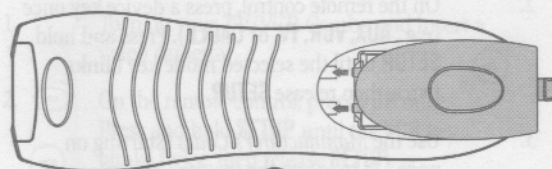
INSTALLING BATTERIES



1



2



3

1. On the back of the remote control, push the tab and lift off the battery cover.
2. Obtain two (2) fully-charged AA alkaline batteries. Match the + and - marks on the batteries to the + and - marks in the battery case, then insert the new batteries.
3. Align the cover's keys with the case's holes and press the cover back into place. The tab should click when the cover is locked.
4. Test the unit by pressing **POWER** and any mode key (e.g., **AUX**, **VCR**, **TV**, or **CABLE**). If the batteries are inserted correctly, the selected mode key will blink once.

NOTE: Whenever batteries need replacement, the remote control will cease to operate. Simply replace the batteries and the remote control will be restored to its full functionality, complete with your favorite settings.

PROGRAMMING DEVICE CONTROL

The Cox Universal Remote Control is preprogrammed to operate your cable converter, an RCA TV, an RCA VCR, and a Pioneer audio receiver. To control devices other than the default brands, perform the following steps; otherwise skip this section:

NOTES: To control a DVD player, program the **VCR** or **AUX** key. To control a PVR, program the **VCR** key. To control a stereo amplifier or receiver, program the **AUX** key. For TV/VCR Combo control, skip this section and perform the instructions on the next page.

If you have another brand of cable converter and interactive service you would like to control, you'll first need to unlock the cable ID Lock before changing the converter code – see "Programming ID Lock" on page 22.

1. Turn on a device and, if applicable, insert video media, (e.g., cassette or disc).

NOTE: Please read steps 2-4 completely before proceeding. Highlight or write down the codes and device you wish to program before moving on to step 2.

2. On the remote control, press a device key once (e.g., **AUX**, **VCR**, **TV**, or **CABLE**). Press and hold **SETUP** until the selected mode key blinks twice, then release **SETUP**.
3. Use the *Manufacturer's Codes* (starting on page 11) to locate the type of device and brand name and then enter the first four-digit code for your device. If performed correctly, the selected mode key will blink twice.

NOTE: If the selected mode key emits a long blink, the code is invalid. Repeat steps 2 through 3 and try entering the same code again.

4. Aim the remote control at the device and press **POWER** once. The device should turn off. If it does not, repeat steps 2-3, trying each code for your brand until you find one that works. If it still does not work, try searching for the code (see *Searching For Your Code* on page 20).

NOTE: If the device does not have a **POWER** key, press the ► (**Play**) key.

5. Repeat steps 1 through 4 for each device you want the remote control to control. For future reference, write down each working device code in the following boxes:

AUX

--	--	--	--

AUX Device _____

VCR

--	--	--	--

TV

--	--	--	--

CABLE

--	--	--	--

PROGRAMMING TV/VCR COMBO CONTROL

If you own a TV/VCR Combo, perform the following instructions to control this device:

1. Turn on your TV/VCR Combo and insert a video cassette.
2. On the remote control, press **VCR** once. Press and hold **SETUP** until the **VCR** key blinks twice, then release **SETUP**.
3. Use the *Setup Codes For TV/VCR Combos* (on page 17) to locate the brand name and then enter the first four-digit code for your TV/VCR Combo. If you perform this procedure correctly, the **VCR** key will blink twice.

NOTE: If the **VCR** key did not blink twice after entering the code's last digit, then repeat steps 2 through 3 and try entering the same code again.

4. Aim the remote control at your TV/VCR Combo and press **POWER** once. The device should turn off. If it does not respond, repeat steps 2-3, trying each code listed for your brand until you find one that works. If it still does not work, try searching for the code (see *Searching For Your Code* on page 20).

continued on next page...

PROGRAMMING TV/VCR COMBO CONTROL (continued)

5. If you've located a TV/VCR setup code that works your TV/VCR Combo and a separate TV code is also listed, you'll need to program this code into the remote control to access volume control (see *Programming Device Control* on page 8).

If there is no separate TV code listed, you will need to perform the following steps to access volume control:

- SETUP**
- Press and hold **SETUP** until the **VCR** key blinks twice, then release **SETUP**.
 - Enter **9 - 9 - 3**. The **VCR** key will blink twice.
 - Press **VCR** once. The **VCR** key will blink twice.
6. For future reference, write down each working device code in the boxes below:

TV/VCR

--	--	--	--

TV (if used)

--	--	--	--

MANUFACTURER'S CODES

Setup Codes for TVs:

AOC	0030, 0019, 0052
Abex	0032
Admiral	0093, 0463
Aiko	0092
Akai	0030
Alaron	0179
Ambassador	0177
America Action	0180
Ampco	0751
Anam	0180
Anam National	0055
Audiovox	0451, 0180, 0092, 0623
Baysonic	0180
Belcor	0019
Bell & Howell	0154, 0016
Bradford	0180
Brockwood	0019
Broksonic	0236, 0463
CCE	0217
CXC	0180
Candle	0030, 0056, 0186
Carnivale	0030
Carver	0054
Celebrity	0000
Cineral	0451, 0092
Citizen	0060, 0030, 0056, 0092, 0186
Concerto	0056
Contec	0180, 0157
Craig	0180
Crosley	0054
Crown	0180
Curtis Mathes	0047, 0054, 0154, 0051, 0451, 0093, 0060, 0030, 0145, 0056, 0016, 0166, 0466, 0747
Daewoo	0451, 0019, 0092, 0623, 0624
Daytron	0019
Denon	0145
Dumont	0017, 0019
Dwin	0720, 0774
Electroband	0000
Electrohome	0381, 0389
Emerson	0154, 0236, 0463, 0180, 0178, 0019, 0179, 0038, 0177, 0623, 0624
Envision	0030
Fisher	0154
Fujitsu	0179, 0683
Funai	0180, 0179, 0171
Futuretech	0180

continued on the next page...

MANUFACTURER'S CODES

Setup Codes for TVs (continued):

GE	0047, 0051, 0451, 0093, 0178, 0021, 0055, 0027, 0747
Gibralter	0017, 0030, 0019
GoldStar	0030, 0178, 0019, 0056, 0001, 0032
Gradiente	0053, 0056
Grunpy	0180, 0179
Hallmark	0178
Harley Davidson	0179
Harman/Kardon	0054, 0078
Harvard	0180
Hitachi	0145, 0056, 0016, 0032, 0038, 0151
Infinity	0054
Inteq	0017
JBL	0054
JCB	0000
JVC	0053
KEC	0180
KTV	0180, 0030, 0217
Kaypani	0052
Kenwood	0030, 0019
Kloss	0024, 0078
Konka	0628, 0632, 0638, 0703, 0707
LG	0056
LXI	0047, 0054, 0154, 0156, 0178, 0747
Logik	0016
Luxman	0056
MGA	0150, 0030, 0178, 0019
MTC	0060, 0030, 0019, 0056
Magnavox	0054, 0030, 0179, 0024, 0186, 0386
Majestic	0016
Marantz	0054, 0030
Matsushita	0250
Megatron	0178, 0145
Memorex	0154, 0250, 0463, 0150, 0178, 0179, 0056, 0016
Midland	0047, 0017, 0051, 0032, 0747
Minutzi	0021
Mitsubishi	0093, 0150, 0178, 0019
Motorola	0093, 0055
Multitech	0180, 0217
NAD	0156, 0178, 0166
NEC	0030, 0019, 0056
NTC	0092
Nikko	0030, 0178, 0092
Onwa	0180
Optimus	0154, 0250, 0166
Optonica	0093
Orion	0236, 0463, 0179
Panasonic	0051, 0250, 0055

Penney	0047, 0156, 0051, 0060, 0030, 0178, 0021, 0019, 0056, 0027, 0032, 0747
Philco	0054, 0463, 0030, 0145, 0019
Philips	0054
Pilot	0030, 0019
Pioneer	0038, 0166, 0679
Portland	0019, 0092
Princeton	0717
Prism	0051
Proscan	0047, 0747
Proton	0178, 0052, 0466
Pulsar	0017, 0019
Quasar	0051, 0250, 0055
RCA	0047, 0051, 0093, 0019, 0038, 0090, 0679, 0747
Radio Shack	0047, 0154, 0180, 0030, 0178, 0019, 0056, 0032, 0747
Realistic	0154, 0180, 0030, 0178, 0019, 0056, 0032
Runco	0017, 0030, 0603
SSS	0180, 0019
Sampo	0030, 0032, 0052
Samsung	0060, 0030, 0178, 0019, 0056, 0032
Sansei	0451
Sansui	0463
Sanyo	0154, 0146
Scimitsu	0019
Scotch	0178
Scott	0236, 0180, 0178, 0019, 0179
Sears	0047, 0054, 0154, 0156, 0178, 0179, 0056, 0146, 0171, 0747
Semivox	0180
Semp	0156
Sharp	0093, 0157, 0386, 0688
Shogun	0019
Signature	0016
Simpson	0186
Sony	0000, 0111
Soundesign	0180, 0178, 0179, 0186
Squareview	0171
Starlite	0180
Supreme	0000
Sylvania	0054, 0030, 0381
Symphonic	0180, 0171
TMK	0178, 0056, 0177
TNCi	0017
Tandy	0093
Tatung	0055
Technics	0051, 0250
Technol Ace	0179
Techwood	0051, 0056
Teknika	0054, 0180, 0150, 0060, 0019, 0179, 0056, 0016, 0092, 0186
Telefunken	0056
Toshiba	0154, 0156, 0060, 1256
Trical	0157

continued on the next page...

MANUFACTURER'S CODES

Setup Codes for TVs (continued):

Universal	0027
Vector Research	0030
Victor	0053
Vidikron	0054
Vidtech	0178, 0019
Wards	0054, 0030, 0178, 0021, 0019, 0179, 0056, 0016, 0027, 0111
White Westinghouse	0463, 0623, 0624
Yamaha	0030, 0019
Zenith	0017, 0463, 0016, 0092, 0624

Setup Codes for VCRs:

Admiral	0048, 0209
Adventura	0000
Aiko	0278
Aiwa	0037, 0000
Akai	0041
America Action	0278
American High	0035
Asha	0240
Audiovox	0037
Beaumarck	0240
Bell & Howell	0104
Broksonic	0184, 0121, 0209, 0002, 0479
CCE	0072, 0278
Calix	0037
Canon	0035
Carver	0081
Cineral	0278
Citizen	0037, 0278
Colt	0072
Craig	0037, 0047, 0240, 0072
Curtis Mathes	0060, 0035, 0041, 0162, 0760
Cybernex	0240
Daewoo	0045, 0278
Denon	0042
Dynatech	0000
Electrohome	0037
Electroponic	0037
Emerex	0032
Emerson	0037, 0184, 0000, 0121, 0043, 0209, 0002, 0278, 0479
Fisher	0047, 0104
Fuji	0035, 0033
Funai	0000
GE	0060, 0035, 0048, 0240, 0760
Garrard	0000
Go Video	0432

GoldStar	0037, 0038
Gradiente	0000
HI-Q	0047
Harley Davidson	0000
Harman/Kardon	0081, 0038
Harwood	0072
Headquarter	0046
Hitachi	0000, 0042, 0041
Hughes Network Sys.	0042
JVC	0067, 0041
Jensen	0041
KEC	0037, 0278
KLH	0072
Kenwood	0067, 0041, 0038
Kodak	0035, 0037
LXI	0037
Lloyd's	0000
Logik	0072
MEI	0035
MGA	0240, 0043
MGN Technology	0240
MTC	0240, 0000
Magnasonic	0278
Magnavox	0035, 0039, 0081, 0000, 0149
Magnin	0240
Marantz	0035, 0081
Marta	0037
Matsushita	0035, 0162
Memorex	0035, 0037, 0048, 0039, 0047, 0240, 0000, 0104, 0209, 0162, 0046, 0479, 1162
Minolta	0042
Mitsubishi	0048, 0067, 0043
Motorola	0035, 0048
Multitech	0000, 0072
NEC	0104, 0067, 0041, 0038
Nikko	0037
Noblex	0240
Olympus	0035
Optimus	0037, 0048, 0104, 0162, 0432, 1162
Orion	0184, 0209, 0002, 0479
Panasonic	0035, 0162, 0225, 0002, 1162
Penney	0035, 0037, 0240, 0042, 0038
Pentax	0042
Philco	0035, 0209, 0479
Philips	0035, 0081, 0003
Pilot	0037
Pioneer	0067
Polk Audio	0081
Profitronic	0240
Proscan	0060, 0760
Protoc	0072

continued on the next page...

MANUFACTURER'S CODES

Setup Codes for VCRs (continued):

Pulsar	0039
Quarter	0046
Quartz	0046
Quasar	0035, 0162, 1162
RCA	0060, 0035, 0048, 0240, 0042, 0149, 0760
Radio Shack	0000
Radix	0037
Randex	0037
Realistic	0035, 0037, 0048, 0047, 0000, 0104, 0046
ReplayTV	0001, 0616
Runco	0039
STS	0042
Samsung	0240, 0045
Sanky	0048, 0039
Sansui	0000, 0067, 0209, 0041, 0479
Sanyo	0047, 0240, 0104, 0046
Scott	0184, 0045, 0121, 0043
Sears	0035, 0037, 0047, 0000, 0042, 0104, 0046
Semp	0045
Sharp	0048
Shintom	0072
Shogun	0240
Singer	0072
Sony	0035, 0032, 0000, 0033, 0004
Sylvania	0035, 0081, 0000, 0043
Symphonic	0000
TMK	0240
Tatung	0041
Teac	0000, 0041
Technics	0035, 0162
Teknika	0035, 0037, 0000
Thomas	0000
Tivo	0003, 0636
Toshiba	0045, 0043
Totevision	0037, 0240
Unitech	0240
Vector	0045
Vector Research	0038
Video Concepts	0045
Videosonic	0240
Wards	0060, 0035, 0048, 0047, 0081, 0240, 0000, 0042, 0072, 0149, 0760
White Westinghouse	0209, 0072, 0278
XR-1000	0035, 0000, 0072
Yamaha	0038
Zenith	0039, 0000, 0209, 0033, 0479

Setup Codes for TV/VCR Combos:

Broksonic	0002, 0479 (for TV use 0463)
Citizen	0278
Colt	0072
Curtis Mathes	0035 (for TV use 0051)
Daewoo	0278 (for TV use 0624)
Emerson	0002, 0278 (for TV use 0624), 0479 (for TV use 0463)
Funai	0000
GE	0035 (for TV use 0051), 0048 (for TV use 0093), 0060 (for TV use 0047), 0240
GoldStar	0037 (for TV use 0056)
Harley Davidson	0000
Hitachi	0000
Lloyd's	0000
Magnasonic	0278
Magnavox	0000, 0081 (for TV use 0054)
Magnin	0240
Memorex	0037, 0162 (for TV use 0250), 1162, 1262
MGA	0240
Mitsubishi	0048 (for TV use 0093)
Optimus	0162 (for TV use 0250), 1162
Orion	0002, 0479 (for TV use 0463)
Panasonic	0035 (for TV use 0051), 0162 (for TV use 0250), 1162
Penney	0035 (for TV use 0051), 0037 (for TV use 0056), 0240
Quasar	0035 (for TV use 0051), 0162 (for TV use 0250)
RCA	0035 (for TV use 0051), 0048 (for TV use 0093), 0060 (for TV use 0047), 0240
Sansui	0000, 0479 (for TV use 0463)
Sanyo	0240
Sears	0000, 0037 (for TV use 0056)
Sharp	0048 (for TV use 0093)
Sony	0000, 0032 (for TV use 0000)
Sylvania	0081 (for TV use 0054)
Symphonic	0000
Thomas	0000
White Westinghouse	0278 (for TV use 0624)
Zenith	0000, 0479

Setup Codes for PVRs (Personal Video Recorders):

Panasonic	0002
Philips	0003
Replay TV	0001, 0002
Sony	0004
TiVo	0003, 0004

Setup Codes for Cable Converters:

General Instrument	0476
Jerrold	0476
Pioneer	0533, 0877
Scientific Atlanta	0477, 0877

MANUFACTURER'S CODES (continued)

Setup Codes for DVD Players:

Apex	0672
Denon	0490
Fisher	0670
GE	0522
Gradiente	0651
Hitachi	0573, 0664
Hiteker	0672
JVC	0558, 0623
Kenwood	0534, 0682
Konka	0711, 0719, 0720, 0721
Magnavox	0503, 0675
Marantz	0539
Mitsubishi	0521
Onkyo	0503
Optimus	0571
Oritron	0651
Panasonic	0490, 0632
Philips	0503, 0539
Pioneer	0525, 0571, 0632
Proscan	0522
RCA	0522, 0571
Samsung	0573
Sharp	0630
Sony	0533
Technics	0490
Theta Digital	0571
Toshiba	0503
Yamaha	0490, 0545
Zenith	0503, 0591

Setup Codes for Stereo Receivers:

ADC	0531
Aiwa	0121, 1089, 1405
Capetronic	0531
Carver	0042, 1089, 1189
Casio	0195
Clarinette	0195
Denon	1104, 1160
Fisher	0042
Garrard	0463
Harman/Kardon	0110, 0891
JBL	0110
JVC	0074
Kenwood	0186, 0042, 1027, 1313, 1569, 1570
LXI	0181

Lloyd's	0195
MCS	0039
Magnavox	0531, 0195, 0391, 1089, 1189
Marantz	0039, 1089, 1189
Modulaire	0195
Nakamichi	0097
Onkyo	0135
Optimus	0531, 0999, 0186, 0042, 0181, 0738, 0801, 1023
Panasonic	0039, 1518
Penney	0195
Philips	0391, 1089, 1189, 1269
Pioneer	0531, 0014, 0150, 0998, 1023
Proscan	1254
Quasar	0039
RCA	0531, 1023, 1254
Realistic	0195, 0181
Sansui	1089
Sanyo	0801
Sharp	0186
Sherwood	0491, 0502
Sony	0474, 1058, 1158, 1258
Soundesign	0999
Sunfire	1313
Teac	0463
Technics	0039, 1308, 1309, 1518
Thorens	1189
Victor	0074
Wards	0014
Yamaha	0176, 0186, 1176
Yorx	0195
Zenith	0857

Setup Codes for Stereo Amplifiers:

GE	0078
Harman/Kardon	0892
JVC	0331
Luxman	0165
Marantz	0321, 0892
Nakamichi	0321
Optimus	0395
Philips	0892
Polk Audio	0892
Realistic	0395
Sansui	0321
Sony	0689
Soundesign	0078
Victor	0331
Wards	0078
Yamaha	0354

SEARCHING FOR YOUR CODE

If your TV, VCR, Cable Converter or Auxiliary device does not respond to the Cox Universal Remote Control after trying all of the codes listed for your brand, or if your brand is not listed at all, try searching for your code.

For example, to search for a code for your TV:

1. Turn on your TV.
2.  On the remote control, press **TV** once. Then press and hold **SETUP** until the **TV** key blinks twice, then release **SETUP**.

3.  Enter **9 - 9 - 1**. The **TV** key will blink twice.


4.  Aim the remote control at the the TV and slowly alternate between pressing **POWER** and **TV**. Stop when the TV turns off.


NOTE: In the search mode, the remote control will send IR codes from its library to the selected device, starting with the most popular code first.

5.  Press **SETUP** once to lock in the code.
6. To search for the codes of your other devices, repeat steps 1 through 5, but substitute the appropriate key (i.e., **AUX**, **VCR**, or **CABLE**) for the (Auxiliary, VCR, or Cable) device you are searching for.

CHECKING THE CODES

If you have set up the Cox Universal Remote Control using the *Searching For Your Code* procedure (on the previous page), you may need to find out which four-digit code is operating your equipment. For example, to find out which code is operating your TV:

1. Turn on your TV.
 2.  On the remote control, press **TV** once. Then press and hold **SETUP** until the **TV** key blinks twice, then release **SETUP**.

 3.  Enter **9 - 9 - 0**. The **TV** key will blink twice.


 4.  To view the code for the first digit, press **1** once. Wait 3 seconds and count the number of times the **TV** key blinks (e.g., 3 blinks = 3) and write down the number in the leftmost TV Code box (see below).
- NOTE: If a code digit is "0", the selected mode key will not blink.*
5. Repeat step 4 three more times for remaining digits. Use  for the second digit,  for the third digit, and  for the fourth digit. Finish writing down the code in the TV Code boxes below.
 6. To check for other device codes, repeat steps 1 through 5, but substitute the appropriate key (i.e., **AUX**, **VCR**, or **CABLE**) for the (Auxiliary, VCR, or Cable) device you are checking. Write down the codes in the appropriate boxes below.

AUX Code

--	--	--	--

Aux Device

--

VCR Code

--	--	--	--

TV Code

--	--	--	--

CABLE Code

--	--	--	--

PROGRAMMING ID LOCK

The Cox Universal Remote Control is preprogrammed and locked at the factory to operate the cable converter and interactive service given to you by your cable company.

However, if you have another brand or model of cable converter and interactive service that you would like to control, then you'll need to perform the following steps to unlock the cable ID Lock, enter in a new manufacturer's code, and lock the ID Lock again.

1. Turn on the Cable Converter.
2.  On the remote control, press **CABLE** once. Then press and hold **SETUP** until the **CABLE** key blinks twice, then release **SETUP**.

3.  Enter **9 - 8 - 2**. The **CABLE** key will blink four times.


4. Perform the instructions in *Programming Device Control* on page 8 to program device control for the desired cable converter and interactive service. Upon completion, perform the remaining steps (5 and 6 on this page) to again lock the ID lock.
5.  On the remote control, press **CABLE** once. Then press and hold **SETUP** until the **CABLE** key blinks twice, then release **SETUP**.

6.  Enter **9 - 8 - 2**. The **CABLE** key will blink twice.



PROGRAMMING CHANNEL CONTROL LOCK

By default, the remote control's channel-control capabilities are locked to the cable converter. The affected keys are **0 ~ 9**, **CH+**, **CH-**, **ENTER**, and **LAST**. This will guarantee that you do not inadvertently change a channel on your TV or VCR. However, you can de-activate this feature to allow full access to these keys in the TV and VCR modes.

To De-Activate Channel Control Lock:

1.  On the remote control, press **CABLE** once. Then press and hold **SETUP** until the **CABLE** key blinks twice, then release **SETUP**.

2.  Enter **9 - 7 - 3**. The **CABLE** key will blink twice.


3.  Press **CH-** once. The **CABLE** key will blink four times.
4. Now, the remote control will provide TV and VCR channel-control capabilities while in the TV or VCR mode.

*NOTE: This feature does not affect the **AUX** mode.*

To Re-Activate Channel Control Lock:

1.  On the remote control, press **CABLE** once. Then press and hold **SETUP** until the **CABLE** key blinks twice, then release **SETUP**.

2.  Enter **9 - 7 - 3**. The **CABLE** key will blink twice.


3.  Press **CH+** once. The **CABLE** key will blink twice.
4. Now, regardless of what mode you select (i.e., **TV**, **VCR**, or **CABLE**), only the channel control capability of your cable converter will be accessible.

*NOTE: This feature does not affect the **AUX** mode.*

USING THE MASTER POWER KEY

The Cox Universal Remote Control is equipped with a unique feature that allows you to sequentially turn on or off all of your home entertainment devices with a single key press as follows:

1. Point the remote control at the devices.
2.  Press and hold **MASTER POWER** for 3 seconds to sequentially turn on or off all home entertainment devices.

Depending on what mode is currently selected, the remote control will send IR commands to the devices in the following order:

Start Mode	Device On/Off	End Mode
AUX	Cable, TV, VCR	CABLE
VCR	Auxiliary, Cable, TV	CABLE
TV	VCR, Auxiliary, Cable	CABLE
CABLE	TV, VCR, Auxiliary	CABLE

For example, if **TV** is selected, pressing and holding **MASTER POWER** for 3 seconds will turn off the VCR, an auxiliary device, and the Cable converter.

*NOTE: The remote control always defaults to the **CABLE** mode after all devices are turned off. Therefore, the initial power-on sequence will always be TV, VCR, and an auxiliary device, if no other device key is pressed first.*

RE-ASSIGNING DEVICE KEYS

The Cox Universal Remote Control can be set up to control a second TV or VCR, or any combination of up to four home entertainment devices. For example, to have the unit control a TV, a Cable Converter, and *two* VCRs, you will need to re-assign the unused **AUX** key to operate the second VCR as follows:

1.  On the remote control, press **VCR** once. Then press and hold **SETUP** until the **VCR** key blinks twice, then release **SETUP**.

2.  Enter **9 - 9 - 2**. The **VCR** key will blink twice.


3.  Press **VCR** once, then press **AUX** once. The **VCR** key will blink twice.

4. The **AUX** key is now ready to be programmed for your second VCR. See *Programming Device Control* on page 8.

To re-assign other device keys, repeat steps 1 to 4 and substitute the key sequence using the following chart:

To Re-Assign	Perform Key Sequence
TV as 2nd VCR key:	SETUP - 9 - 9 - 2 - VCR - TV
TV as 2nd Auxiliary key:	SETUP - 9 - 9 - 2 - AUX - TV
TV as 2nd Cable key:	SETUP - 9 - 9 - 2 - CABLE - TV
TV back to TV :	SETUP - 9 - 9 - 2 - TV - TV
VCR as 2nd TV key:	SETUP - 9 - 9 - 2 - TV - VCR
VCR as 2nd Auxiliary key:	SETUP - 9 - 9 - 2 - AUX - VCR
VCR as 2nd Cable key:	SETUP - 9 - 9 - 2 - CABLE - VCR
VCR back to VCR :	SETUP - 9 - 9 - 2 - VCR - VCR
AUX as 2nd TV key:	SETUP - 9 - 9 - 2 - TV - AUX
AUX as 2nd VCR key:	SETUP - 9 - 9 - 2 - VCR - AUX
AUX as 2nd Cable key:	SETUP - 9 - 9 - 2 - CABLE - AUX
AUX back to AUX :	SETUP - 9 - 9 - 2 - AUX - AUX

Upon completion of a re-assignment, the selected mode key will blink twice to confirm your selection. Then, you'll need to program device control (see *Programming Device Control* on page 8).

CHANGING VOLUME LOCK

The Cox Universal Remote Control is set to control volume of a device through your TV while in the TV, VCR, or Cable mode. However, in the Auxiliary mode, you will still have separate control of your auxiliary device's volume.

If your TV is not remote controllable, or if you would like the volume to be controlled by a different device, you can change the Volume Lock setting to control a volume through a non-associated mode (e.g., through the cable in the TV mode).

To change Volume Lock to CABLE mode:

1.  On the remote control, press **CABLE** once. Then press and hold **SETUP** until the **CABLE** key blinks twice, then release **SETUP**.

2.  Enter **9 - 9 - 3**. The **CABLE** key will blink twice.

3.  Press **CABLE** once. It will blink twice.
4. Now, whenever you press **VOL+**, **VOL-**, or **MUTE**, volume will be controlled by your Cable Converter.

To change Volume Lock to TV mode:

1.  On the remote control, press **TV** once. Then press and hold **SETUP** until the **TV** key blinks twice, then release **SETUP**.

2.  Enter **9 - 9 - 3**. The **TV** key will blink twice.

3.  Press **TV** once. It will blink twice.
4. Now, whenever you press **VOL+**, **VOL-**, or **MUTE**, volume will be controlled by your TV.

To change Volume Lock to VCR mode:

1.  On the remote control, press **VCR** once. Then press and hold **SETUP** until the **VCR** key blinks twice, then release **SETUP**.

2.  Enter **9 - 9 - 3**. The **VCR** key will blink twice.


3.  Press **VCR** once. It will blink twice.
4. Now, whenever you press **VOL+**, **VOL-**, or **MUTE**, volume will be controlled by your VCR.

To change Volume Lock to AUX mode:

NOTE: Performing these steps will allow you to access the volume control of your auxiliary device in all modes.

1.  On the remote control, press **AUX** once. Then press and hold **SETUP** until the **AUX** key blinks twice, then release **SETUP**.

2.  Enter **9 - 9 - 3**. The **AUX** key will blink twice.

3.  Press **AUX** once. It will blink twice.
4. Now, whenever you press **VOL+**, **VOL-**, or **MUTE**, the volume will be controlled by your auxiliary device.

TROUBLESHOOTING

- | | |
|------------------|--|
| PROBLEM: | Mode key does not blink when you press a key. |
| SOLUTION: | Replace the batteries with two (2) new AA alkaline batteries (see page 7). |
| PROBLEM: | Mode key blinks when you press a key, but home entertainment device does not respond. |
| SOLUTION: | Make sure you are aiming the remote control at your home entertainment device and that you are within 15 feet of the device you are trying to control. |
| PROBLEM: | The remote control does not control home entertainment devices or commands are not performing properly. |
| SOLUTION: | Try all listed codes for the device brand being set up. Make sure all devices can be operated with an infrared remote control. |
| PROBLEM: | TV/VCR combo does not respond properly. |
| SOLUTION: | Use the VCR codes for your brand. Some combo units may require both a TV code and a VCR code for full operation (see page 9). |
| PROBLEM: | No volume on a second TV. |
| SOLUTION: | Follow instructions in <i>Changing Volume Lock</i> (see previous page). |

continued on the next page...